

Title (en)
CAMERA SYSTEM HAVING A MODULAR PRINTED CIRCUIT BOARD ARRANGEMENT

Title (de)
KAMERASYSTEM MIT MODULARER LEITERPLATTENANORDNUNG

Title (fr)
SYSTEME DE CAMERA COMPRENANT UN SYSTEME DE CARTES DE CIRCUIT IMPRIME

Publication
EP 3035665 B1 20190403 (DE)

Application
EP 15198391 A 20151208

Priority
DE 102014019007 A 20141218

Abstract (en)
[origin: CN105376472A] A vehicle camera system comprises an object lens (2) and a first circuit board (5); an image sensor (4), which can obtain image information through the object lens (2), and at least one additional circuit board (7,11), which is used to provide preset basic functions for a camera system (10,20), are arranged on the circuit board (5); the first circuit board (5) and each additional circuit board (7,11) are provided with at least one connection unit (6); all PCB boards (5,7,11) are provided with electrical connection having a modularized displacement mode; and according to the preset basic functions, camera systems (10,20) with different functions can be adapted through the connection units (6).

IPC 8 full level
G03B 17/02 (2006.01); **H04N 5/225** (2006.01)

CPC (source: CN EP RU US)
G03B 17/02 (2013.01 - EP US); **H04N 23/50** (2023.01 - CN EP RU); **H04N 23/54** (2023.01 - US); **H04N 23/57** (2023.01 - EP US); **H04N 25/00** (2023.01 - CN); **G03B 17/02** (2013.01 - RU); **G03B 2217/002** (2013.01 - EP US); **H04N 23/54** (2023.01 - RU); **H05K 1/144** (2013.01 - CN)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3035665 A1 20160622; EP 3035665 B1 20190403; CN 105376472 A 20160302; CN 105376472 B 20181204; DE 102014019007 A1 20160623; ES 2732052 T3 20191120; JP 2016123094 A 20160707; JP 6320986 B2 20180509; KR 101890152 B1 20180821; KR 20160074432 A 20160628; RU 2015154314 A 20170622; RU 2636935 C2 20171129; TR 201905358 T4 20190521; US 2016182784 A1 20160623; US 9973668 B2 20180515

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EP 15198391 A 20151208; CN 201510957631 A 20151217; DE 102014019007 A 20141218; ES 15198391 T 20151208; JP 2015246056 A 20151217; KR 20150181761 A 20151218; RU 2015154314 A 20151217; TR 201905358 T 20151208; US 201514974131 A 20151218